

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\  
 Data File : BF101798.D  
 Acq On : 28 Dec 2017 13:23  
 Operator : SJ/JU  
 Sample : I7064-17  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-9

Manual Integrations  
 APPROVED

Sohil  
 12/29/2017 11:55:03 AM

Quant Time: Dec 28 13:57:56 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 26 10:48:01 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.78  | 152  | 145834   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.06  | 136  | 560604   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.82  | 164  | 228356   | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10        | 11.31 | 188  | 347621   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 13.96 | 240  | 276696   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.44 | 264  | 256686   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.40  | 112  | 1045090  | 106.75 | ng    | 0.00        |
| 7) Phenol-d6                | 6.43  | 99   | 1244017  | 102.10 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 776478   | 77.10  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 211441   | 96.09  | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.14  | 172  | 1097664  | 74.57  | ng    | 0.00        |
| 78) Terphenyl-d14           | 12.89 | 244  | 747182   | 65.10  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.45  | 94   | 63801    | 4.594  | ng    | Qvalue # 76 |
| 49) Dimethylphthalate       | 9.53  | 163  | 137124   | 7.465  | ng    | 98          |
| 70) Phenanthrene            | 11.33 | 178  | 176670   | 9.139  | ng    | 98          |
| 71) Anthracene              | 11.39 | 178  | 50809    | 2.573  | ng    | 96          |
| 74) Fluoranthene            | 12.53 | 202  | 345914   | 17.047 | ng    | 97          |
| 77) Pyrene                  | 12.76 | 202  | 337396   | 16.248 | ng    | 99          |
| 80) Benzo(a)anthracene      | 13.96 | 228  | 184043   | 10.073 | ng    | 98          |
| 82) Chrysene                | 13.99 | 228  | 175704   | 10.185 | ng    | 98          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.93 | 276  | 82031    | 5.340  | ng    | # 91        |
| 87) Benzo(b)fluoranthene    | 15.01 | 252  | 196890m  | 12.584 | ng    |             |
| 88) Benzo(k)fluoranthene    | 15.04 | 252  | 77290m   | 5.081  | ng    |             |
| 89) Benzo(a)pyrene          | 15.38 | 252  | 136180   | 9.442  | ng    | # 94        |
| 90) Dibenzo(a,h)anthracene  | 16.92 | 278  | 25103    | 2.027  | ng    | # 73        |
| 91) Benzo(a,h,i)perylene    | 17.38 | 276  | 78364    | 6.391  | ng    | 97          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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